



14230 U.S. PTO

011604

UTILITY
PATENT APPLICATION
TRANSMISSION

Our Docket No.:
A-68970-2/RMS/DCF/NHT
(469249-404)

Date of Deposit:
January 16, 2004

First Named Inventor: Jian-Bing FAN

Title: PARALLEL GENOTYPING OF MULTIPLE PATIENT
SAMPLES

Express Mail No.: EV 298967119 US

ADDRESS TO:

Box Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

22141 U.S. PTO
10/759576



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APPLICATION ELEMENTS

1. ☒ Fee Calculation Sheet
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status
3. ☒ Specification Total Pages: 67
 - ☒ Descriptive title of the invention
 - ☒ Cross References to Related Applications
 - ☐ Statement Regarding Fed. Sponsored R&D
 - ☐ Reference to Microfiche Appendix
 - ☒ Background of the Invention
 - ☒ Brief Summary of the Invention
 - ☒ Brief Description of the Drawings
 - ☒ Detailed Description
 - ☒ Claims
 - ☒ Abstract of the Disclosure
4. ☒ Drawings (35 U.S.C. 113) Total Sheets: 4
5. ☒ Oath or Declaration Total Pages: 2
 - a. ☐ Newly Executed (original or copy)
 - b. ☒ Copy from a prior application (37 C.F.R. 1.63(d)) (for continuation/divisional with Box 19 completed)
 1. ☐ **DELETION OF INVENTORS**
Signed statement attached deleting inventor(s) named in the prior application (37 C.F.R. 1.63(d)(2) and 1.33(b))
6. ☒ Application Data Sheet (37 C.F.R. 1.76)

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☐ Nucleotide and/or Amino Acid Sequence Submission
(If applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. ☒ Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☒ paper and computer readable form (3 1/2 inch floppy disk)
 - c. ☒ Statement verifying identify of above copies
(Preliminary Amendment)

ACCOMPANYING APPLICATION PARTS

9. ☐ Certification Under 35 U.S.C. 122(b)(2)(B)(i)
10. ☐ Assignment Papers (cover sheet & document(s))
11. ☐ 37 C.F.R. 3.73(b) Submission
12. ☐ Power of Attorney
13. ☐ English Translation Document (if applicable)
14. ☐ Information Disclosure Statement
(with Copies of Citations as necessary)
15. ☐ Preliminary Amendment Total Pages:
16. ☒ Return Receipt Postcard
(Should be specifically itemized)
17. ☐ Certified Copy of Priority document(s)
(if foreign priority is claimed)
18. ☐ Other

19. **If a CONTINUING APPLICATION**, check appropriate box and supply the requisite information:

☐ Continuation ☒ Division ☐ Continuation-in-part (CIP) of prior Application Serial No.: 09/785,514 filed on February 16, 2001 which is a continuation-in-part and claims priority to Provisional Application Serial No. 60/182,955, filed on February 16, 2000.

For continuation or divisional applications: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference

CORRESPONDENCE ADDRESS

| | | | |
|------------------------------|---|-----------------------------------|------------------------|
| ATTY NAME David C. Foster | Reg. No. 44,685 | SIGNATURE: <i>David C. Foster</i> | DATE: January 16, 2004 |
| ADDRESS | DORSEY & WHITNEY LLP Four Embarcadero Center Suite 3400 San Francisco, California 94111-4187 | | Customer Number: 32940 |
| TELEPHONE / FAX | (415) 798-1989 / (415) 398-3249 | | |

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APPLICATION FEE TRANSMITTAL SHEET (FY 2004)

Complete if Known

| | |
|----------------------|---|
| Application No. | TO BE ASSIGNED |
| Filing Date | January 16, 2004 EXPRESS MAIL LABEL NO. EV 298967119 US |
| First Named Inventor | Jian-Bing FAN |
| Group Art Unit | TO BE ASSIGNED |
| Examiner Name | TO BE ASSIGNED |
| Atty. Docket Number | A-68970-2/RMS/DCF/NHT (469249-404) |

METHOD OF PAYMENT (Check One)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account No.: 50-2319

Deposit Account Name: DORSEY & WHITNEY LLP

- ☒ Charge any additional fee required under 37 C.F.R. 1.16 and 1.17
☒ Applicant claims small entity status (see 37 C.F.R. 1.27)

2. ☒ Check Enclosed

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity Fee | Small Entity Fee | Fee Description |
|---------------------|------------------|--|
| 160 | 80 | <input type="checkbox"/> Provisional Filing Fee |
| 770 | 385 | <input checked="" type="checkbox"/> Utility Filing Fee |
| 340 | 170 | <input type="checkbox"/> Design Filing Fee |
| 770 | 385 | <input type="checkbox"/> Reissue Filing Fee |
| Subtotal (1) | | \$385.00 |

2. EXTRA* CLAIM FEES

| | Number Claims | Prior | Extra | Fee from Below* | Fee Paid |
|---------------------------|---------------|-------|-------|-----------------|-----------------|
| Total | 39 | - | 20 | = 19 x \$9.00 | = \$171.00 |
| Indep. | 3 | - | 3 | = 0 x \$43.00 | = \$0.00 |
| Multiple Dependent Claims | | | | = x \$145.00 | = \$145.00 |
| Subtotal (2) | | | | | \$316.00 |

*Calculation of Extra Claim Fees

| Large Entity Fee | Small Entity Fee | Fee Description |
|------------------|------------------|---|
| 18 | 9 | Claims in excess of 20 |
| 86 | 43 | Independent claims in excess of 3 |
| 290 | 145 | Multiple dependent Claim |
| 84 | 42 | Reissue independent claims over original patent |
| 18 | 9 | Reissue claims in excess of 20 and over original patent |

FEE CALCULATION (Continued)

3. ADDITIONAL FEES

| Large Entity Fee | Small Entity Fee | Fee Description | Fee paid |
|---------------------------------|------------------|--|-----------------|
| 50 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 130 | 65 | Surcharge - Late nonprovisional filing fee or oath | |
| 180 | 180 | Submission of IDS | |
| 40 | 40 | Recording each patent assignment per property (times number of properties) | |
| 110 | 55 | Extension for reply within first month | |
| 420 | 210 | Extension for reply within second month | |
| 950 | 475 | Extension for reply within third month | |
| 1,480 | 740 | Extension for reply within fourth month | |
| 2010 | 1005 | Extension for reply within fifth month | |
| 770 | 385 | Submission After Final 1.129 | |
| 330 | 165 | Notice of Appeal | |
| 330 | 165 | Filing a brief in support of an appeal | |
| 290 | 145 | Request for oral hearing | |
| 110 | 55 | Terminal Disclaimer Fee | |
| 130 | 130 | Petitions to the Commissioner | |
| 50 | 50 | Petitions related to provisional applications | |
| 1,330 | 665 | Utility/Reissue Issue Fee (including advance copies) | |
| 480 | 240 | Design Issue Fee (inc. advance copies) | |
| 770 | 385 | Request for Continued Examination (RCE) | |
| 300 | 300 | Publication fee for early, voluntary, or normal publication | |
| 300 | 300 | Publication fee for re-publication | |
| 110 | 55 | Petition to Revive - unavoidable | |
| 1,330 | 665 | Petition to Revive - unintentional | |
| OTHER FEE (specify): | | | |
| Subtotal (3) | | | \$701.00 |
| Total Amount of Payment: | | | \$701.00 |

Submitted by:

| | | |
|-----------------------------------|---|------------------------------|
| Name: David C. Foster | Reg. No.: 44,685 | Telephone: (415) 781-1989 |
| DORSEY & WHITNEY LLP | Four Embarcadero Center, Suite 3400 San Francisco, California 94111-4187 | Customer Number 32940 |
| Signature: <i>David C. Foster</i> | Date: January 16, 2004 | |